OIPE
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JC95
PATENT & TRADEMARK OFFICE

FIG. 1/26

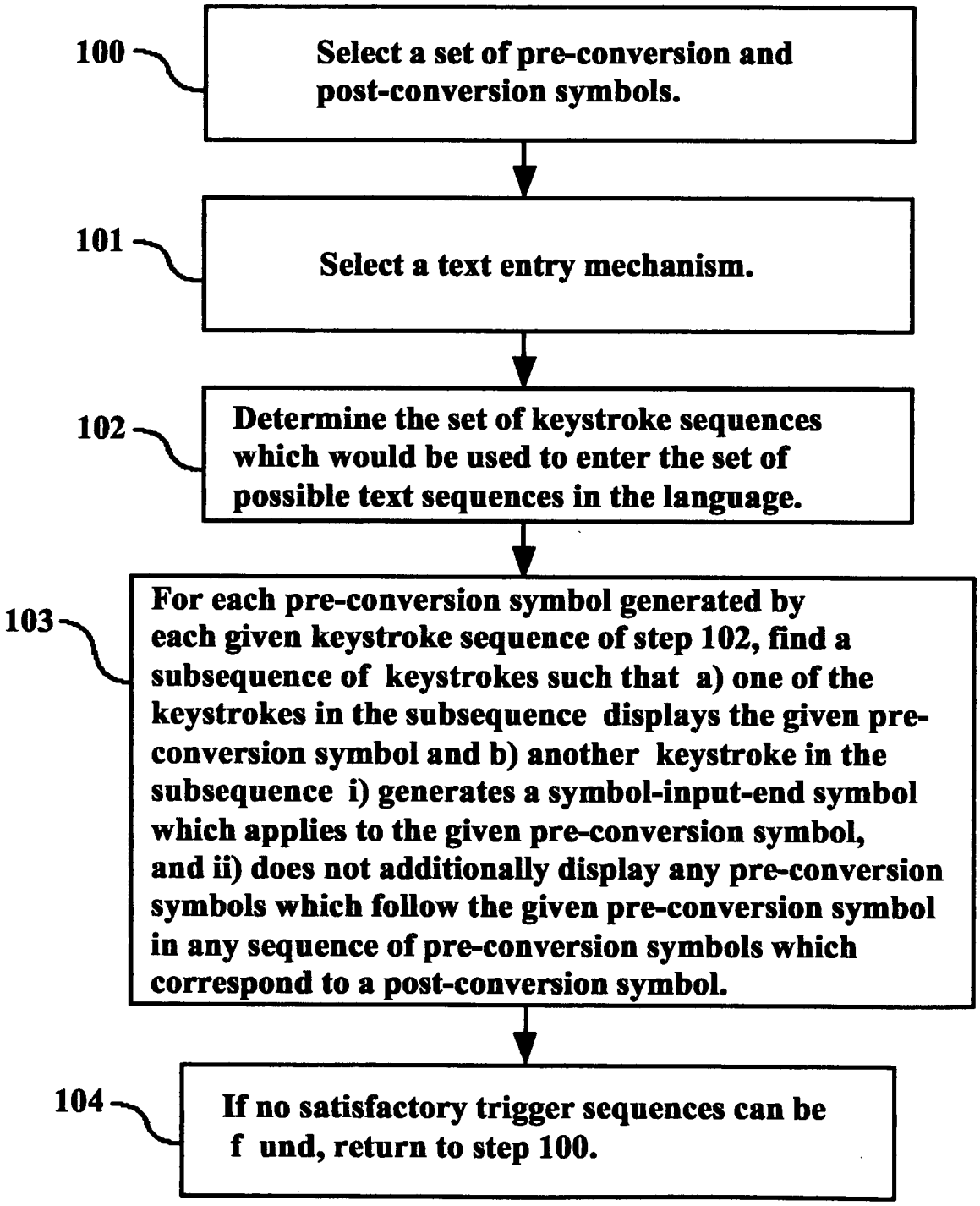


FIG. 2/26

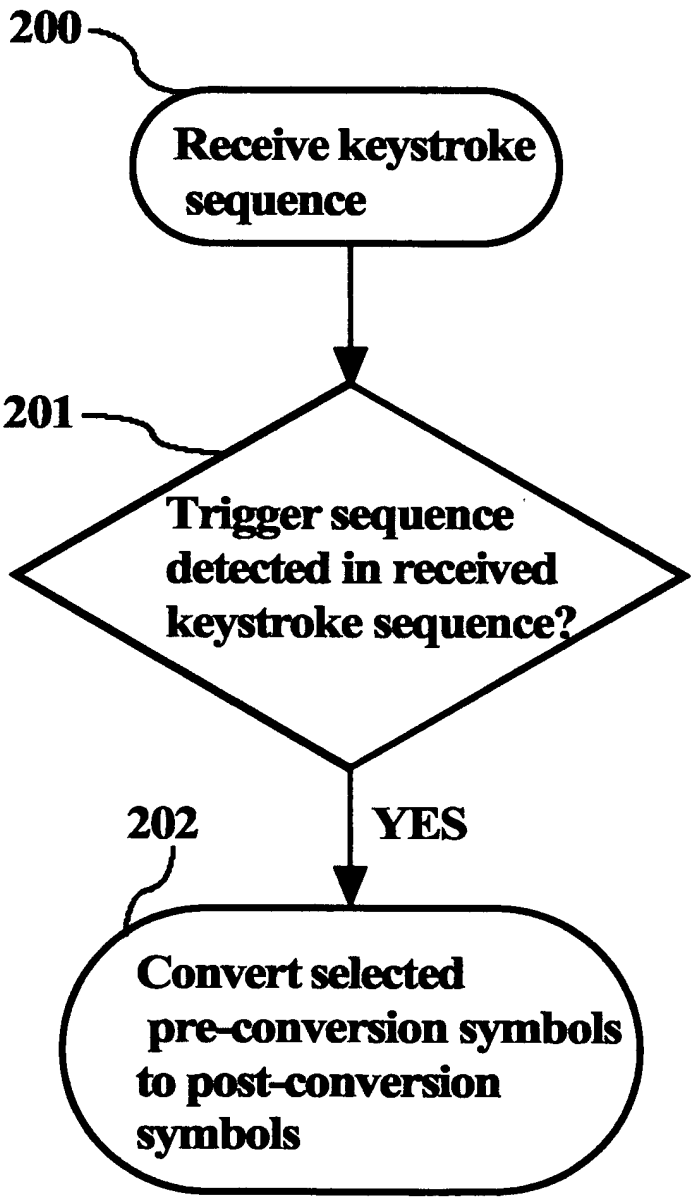

200
Receive keystroke sequence
201
Trigger sequence detected in received keystroke sequence?
YES
202
Convert selected pre-conversion symbols to post-conversion symbols

FIG. 3/26

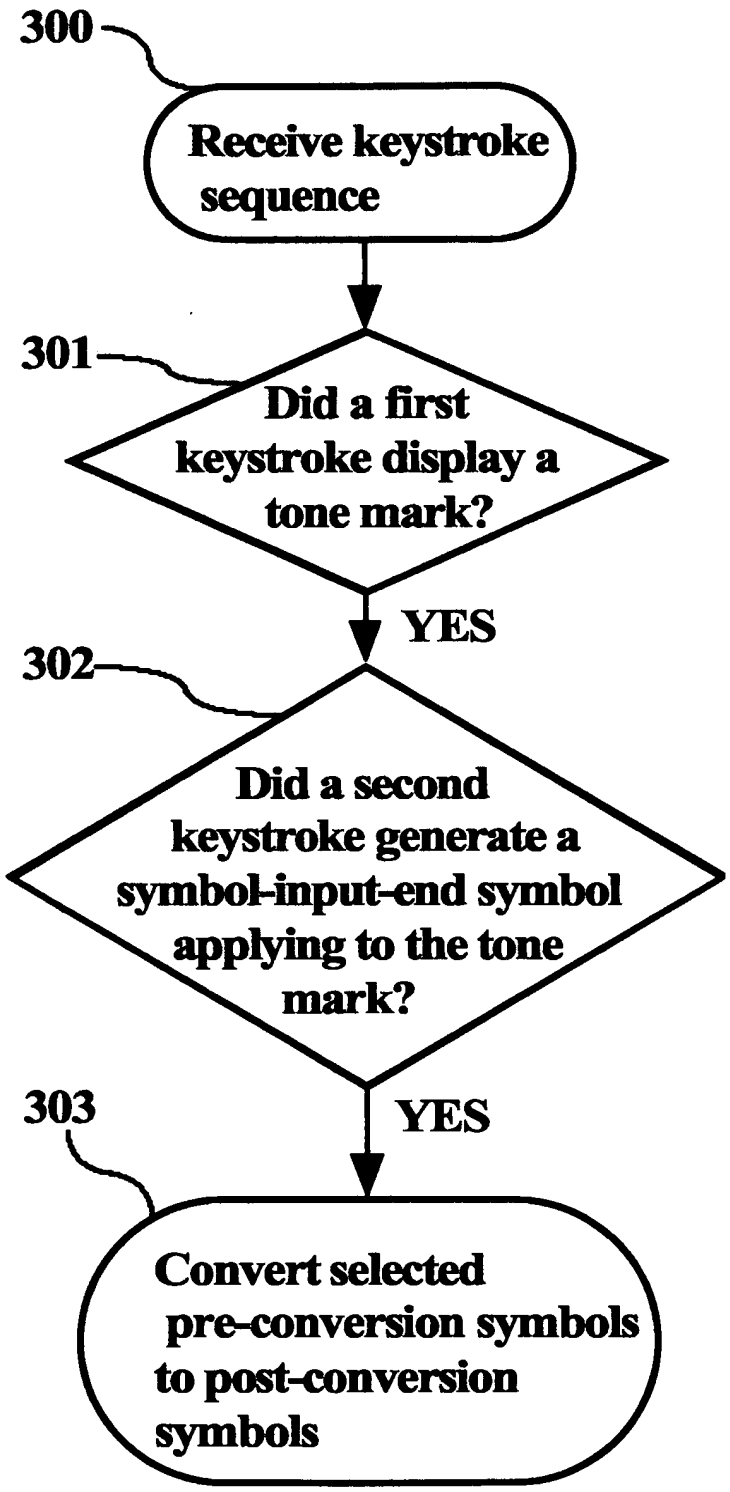

300
Receive keystroke sequence
301
Did a first keystroke display a tone mark?
YES
302
Did a second keystroke generate a symbol-input-end symbol applying to the tone mark?
YES
303
Convert selected pre-conversion symbols to post-conversion symbols

FIG. 4/26

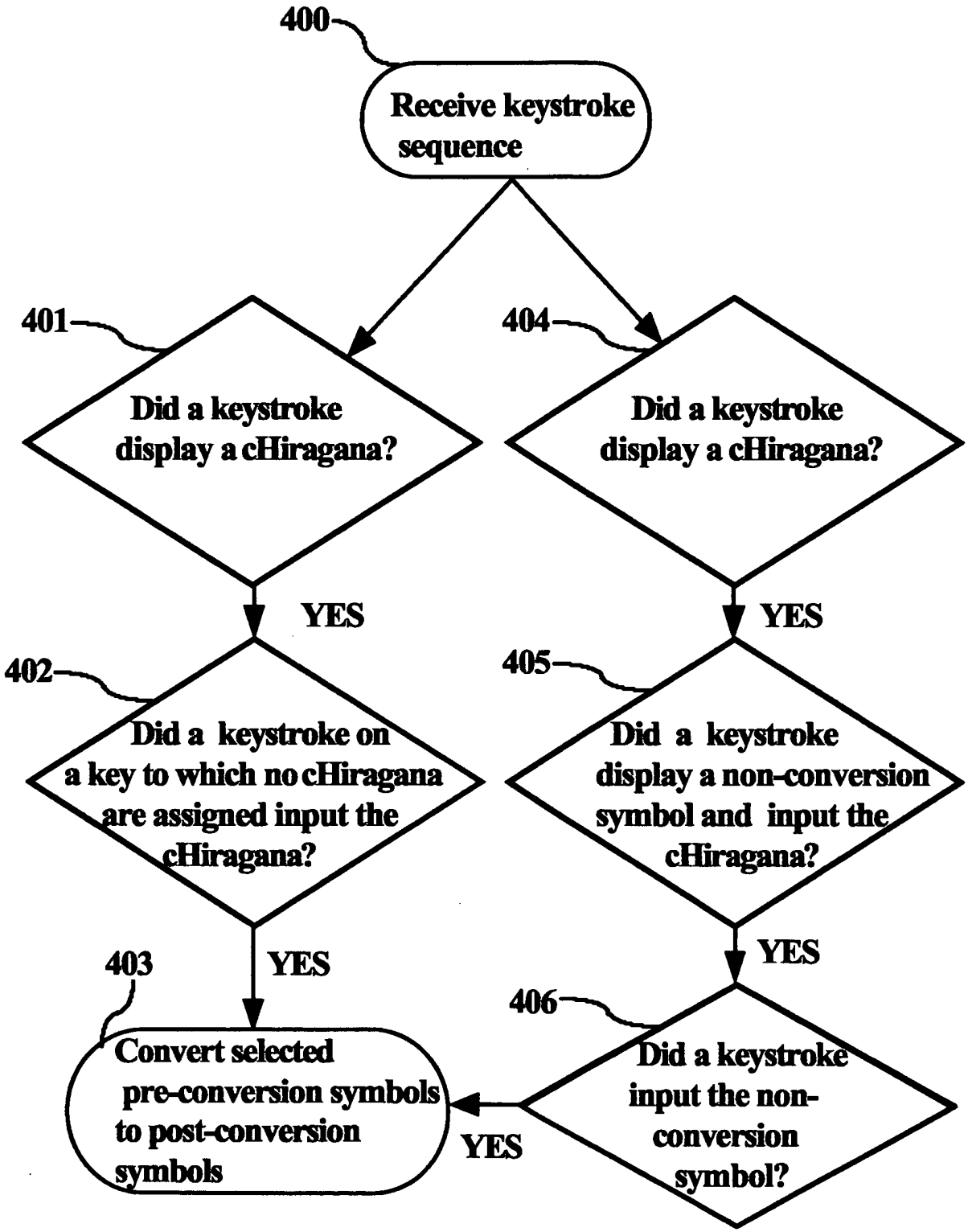

400
Receive keystroke sequence
401
Did a keystroke display a cHiragana?
YES
402
Did a keystroke on a key to which no cHiragana are assigned input the cHiragana?
YES
403
Convert selected pre-conversion symbols to post-conversion symbols
404
Did a keystroke display a cHiragana?
YES
405
Did a keystroke display a non-conversion symbol and input the cHiragana?
YES
406
Did a keystroke input the non-conversion symbol?
YES

FIG. 5/26

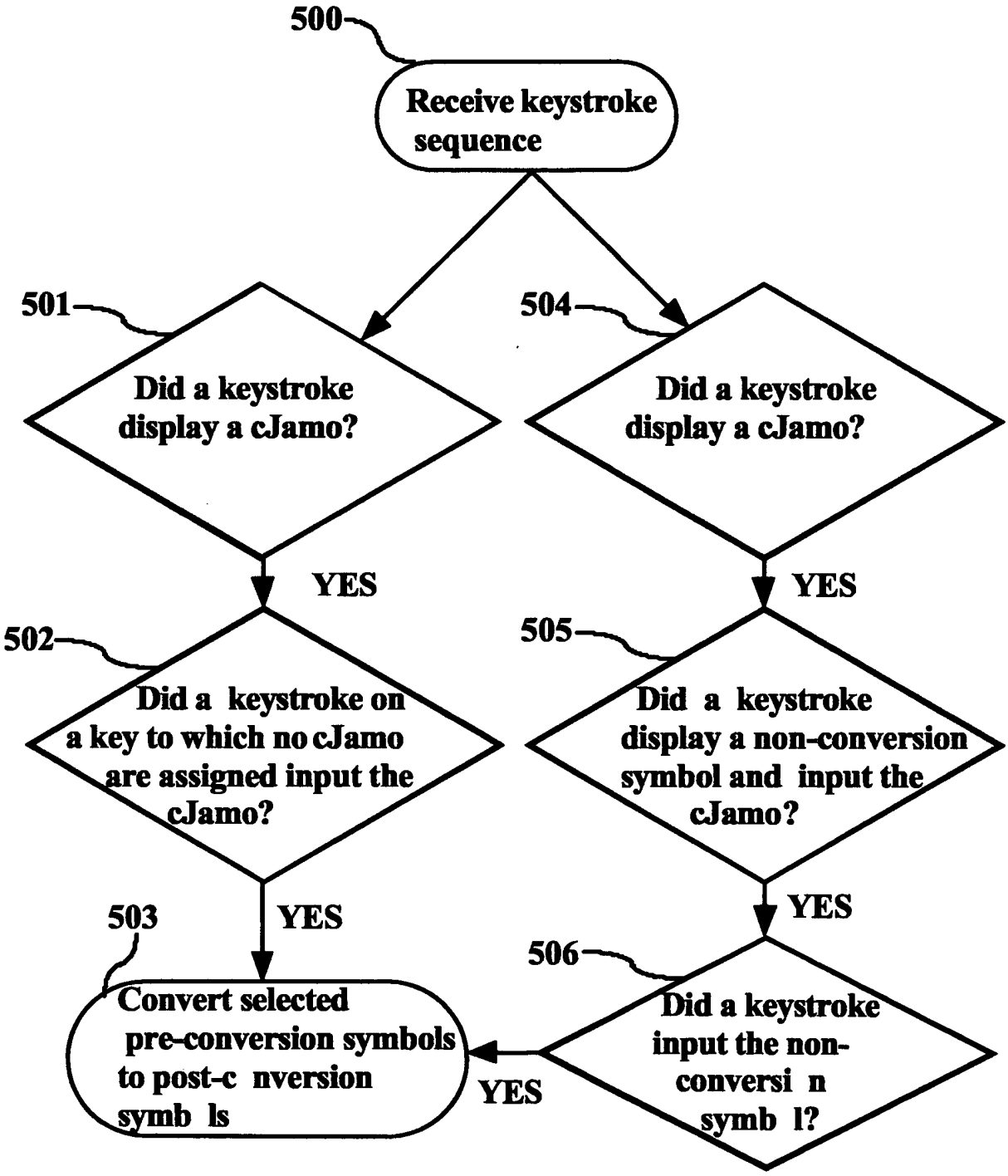

500
Receive keystroke sequence
501
Did a keystroke display a cJamo?
YES
502
Did a keystroke on a key to which no cJamo are assigned input the cJamo?
YES
503
Convert selected pre-conversion symbols to post-c nversion symb ls
504
Did a keystroke display a cJamo?
YES
505
Did a keystroke display a non-conversion symbol and input the cJamo?
YES
506
Did a keystroke input the non-conversi n symb l?
YES

FIG. 6/26

Aspect	First Embodiment	Second Embodiment
pre-conversion	variable order	fixed order
pre-conversion advance	Next key	multi-tap
tone mark	variable order	fixed order
conversion	on trigger sequence	on tone mark
post-conversion	variable order	fixed order
post-conversion advance	Next key	multi-tap
predictive method	symbol-based	word-based

FIG. 7/26

Aspect	First Embodiment	Second Embodiment
pre-conversion		fixed order
pre-conversion advance		multi-tap
tone mark		fixed order
conversion		on tone mark
post-conversion		fixed order
post-conversion advance		multi-tap
predictive method	symbol-based	word-based

FIG. 8/26

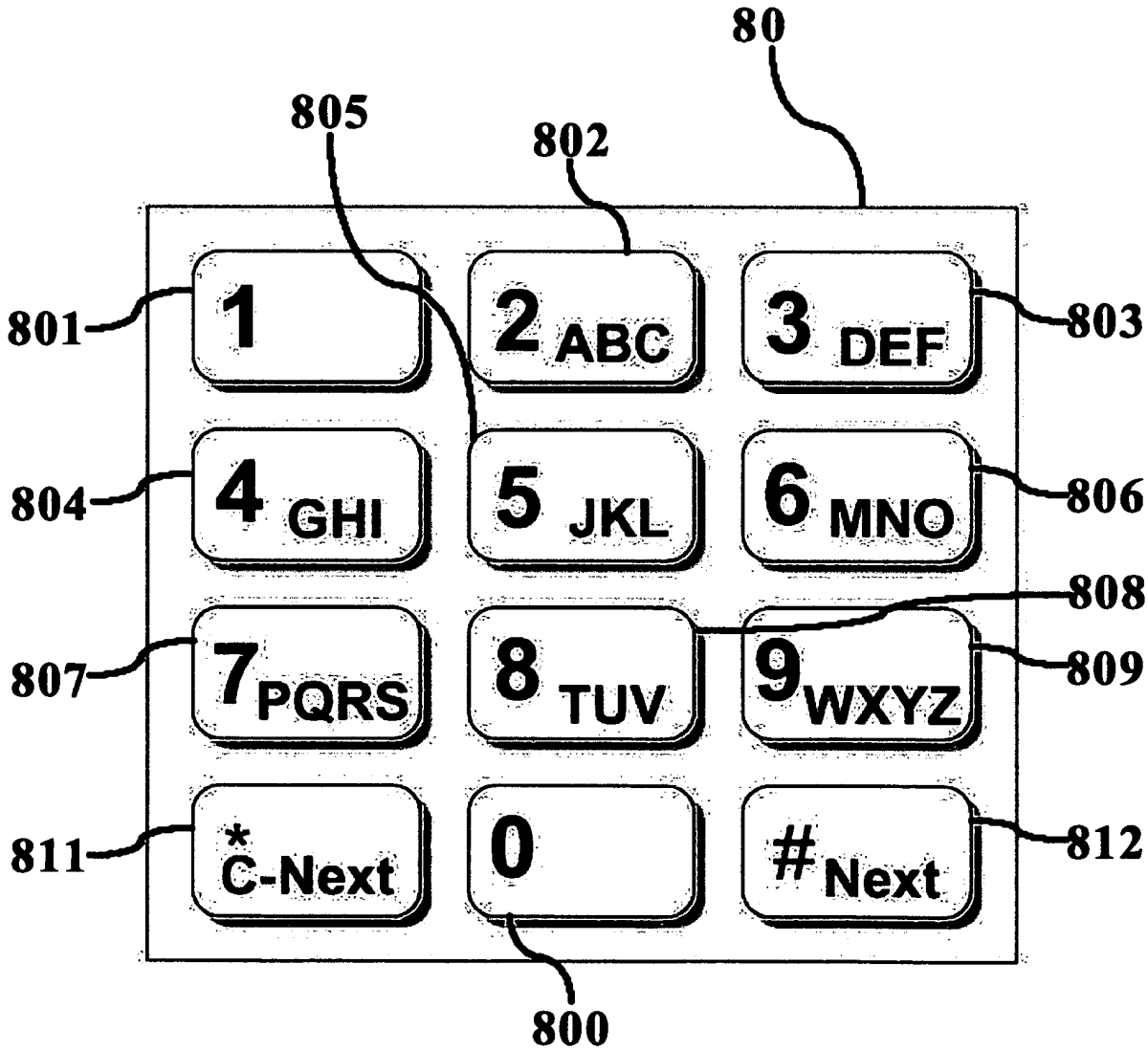

80
805
802
801
1
2 ABC
3 DEF
803
804
4 GHI
5 JKL
6 MNO
806
808
807
7 PQRS
8 TUV
9 WXYZ
809
811
* C-Next
0
Next
812
800

FIG. 9/26

Aspect	First Embodiment	Second Embodiment
pre-conversion	variable order	fixed order
pre-conversion advance	Next key	multi-tap
tone mark		fixed order
conversion		on tone mark
post-conversion	variable order	fixed order
post-conversion advance	Next key	multi-tap
predictive method	symbol-based	word-based

FIG. 10/26

Aspect	First Embodiment	Second Embodiment
pre-conversion	variable order	fixed order
pre-conversion advance	Next key	multi-tap
tone mark	variable order	
conversion		on tone mark
post-conversion	variable order	fixed order
post-conversion advance	Next key	multi-tap
predictive method	symbol-based	word-based

FIG. 11/26

Aspect	First Embodiment	Second Embodiment
pre-conversion	variable order	fixed order
pre-conversion advance	Next key	multi-tap
tone mark	variable order	fixed order
conversion	on trigger sequence	
post-conversion	variable order	fixed order
post-conversion advance	Next key	multi-tap (if pre-conversion advance is Next key)
predictive method	symbol-based	word-based

FIG. 12/26

Aspect	First Embodiment	Second Embodiment
pre-conversion	variable order	
pre-conversion advance	Next key	
tone mark	variable order	
conversion	on trigger sequence	
post-conversion	variable order	
post-conversion advance	Next key	
predictive method	symbol-based	word-based

FIG. 13/26

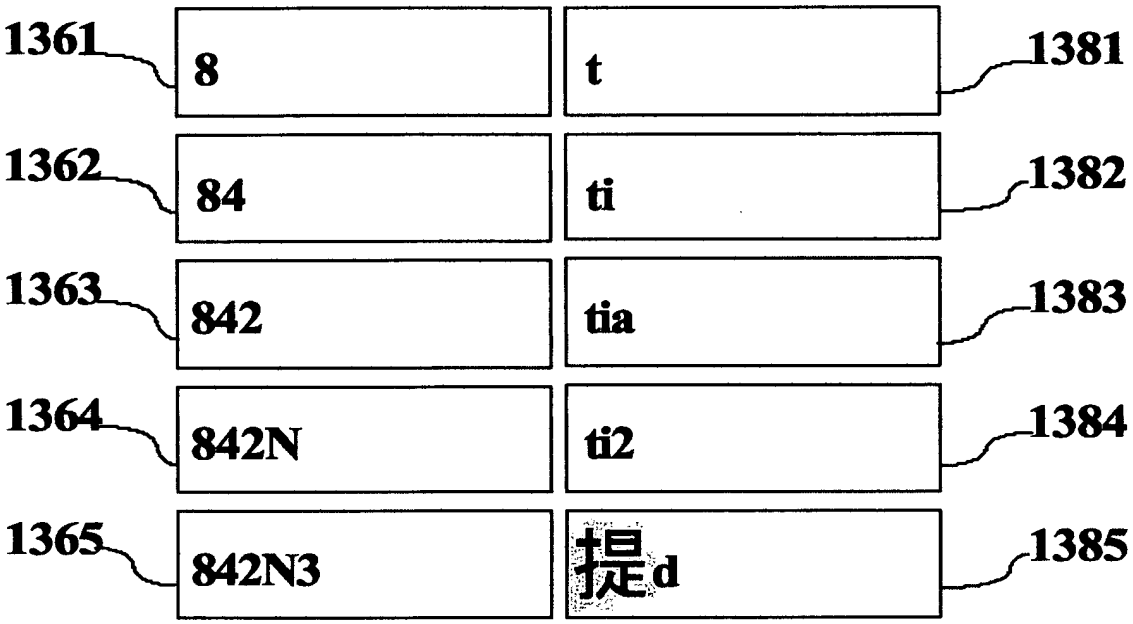

1361
8
t
1381
1362
84
ti
1382
1363
842
tia
1383
1364
842N
ti2
1384
1365
842N3
提d
1385

FIG. 14/26

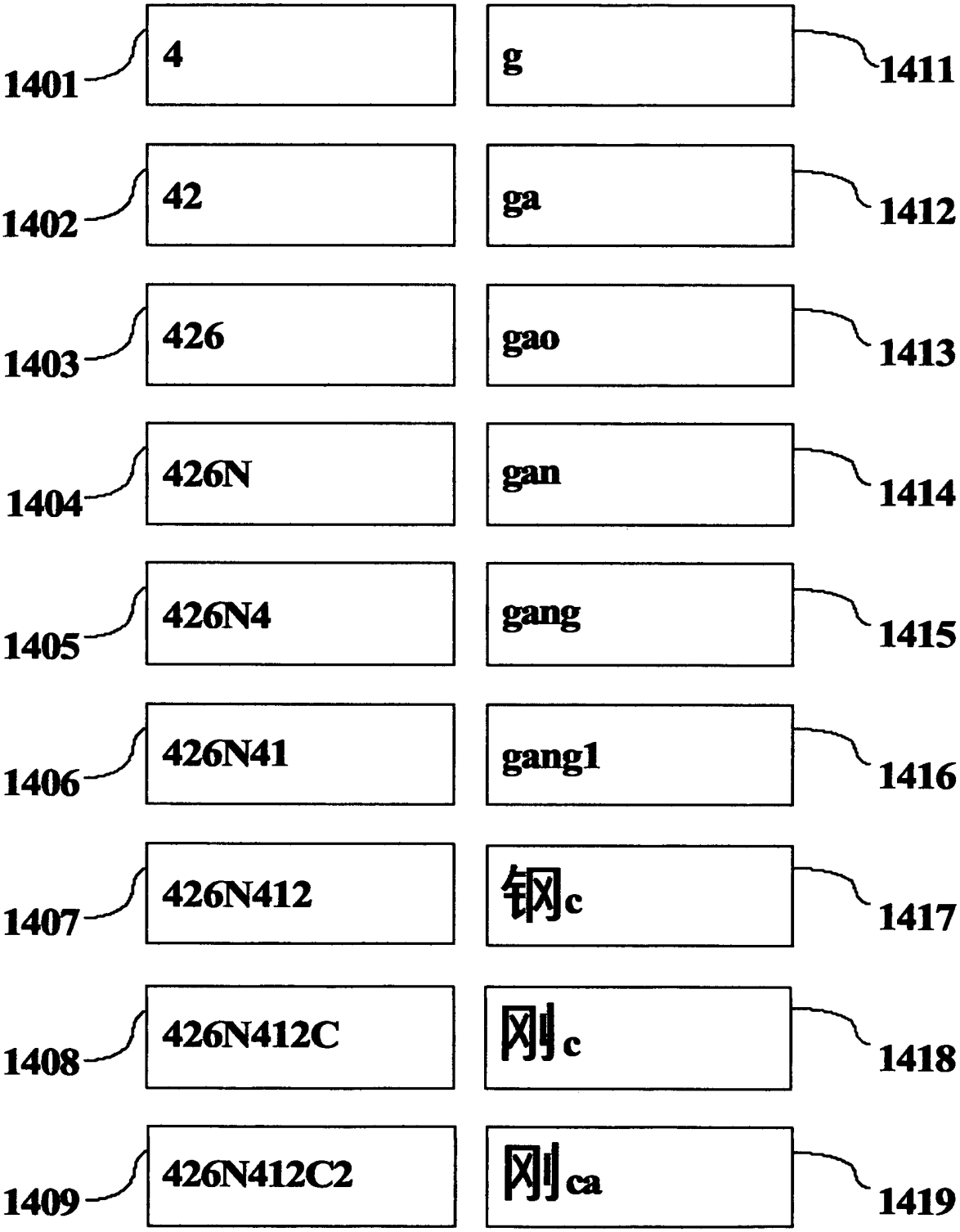

1401
4
g
1411
1402
42
ga
1412
1403
426
gao
1413
1404
426N
gan
1414
1405
426N4
gang
1415
1406
426N41
gang1
1416
1407
426N412
钢c
1417
1408
426N412C
刚c
1418
1409
426N412C2
刚ca
1419

FIG. 15/26

刚 才你提到的
1520
gang1 cai2 ni3 ti2 dao4 de5
1510
426N41 2C242 643 842N 3264 335
1500
第二个 问 题
1550
di4 er4 ge4 wen4 ti2
1540
344 3C74 434 9NN364 842CC
1530

FIG. 16/26

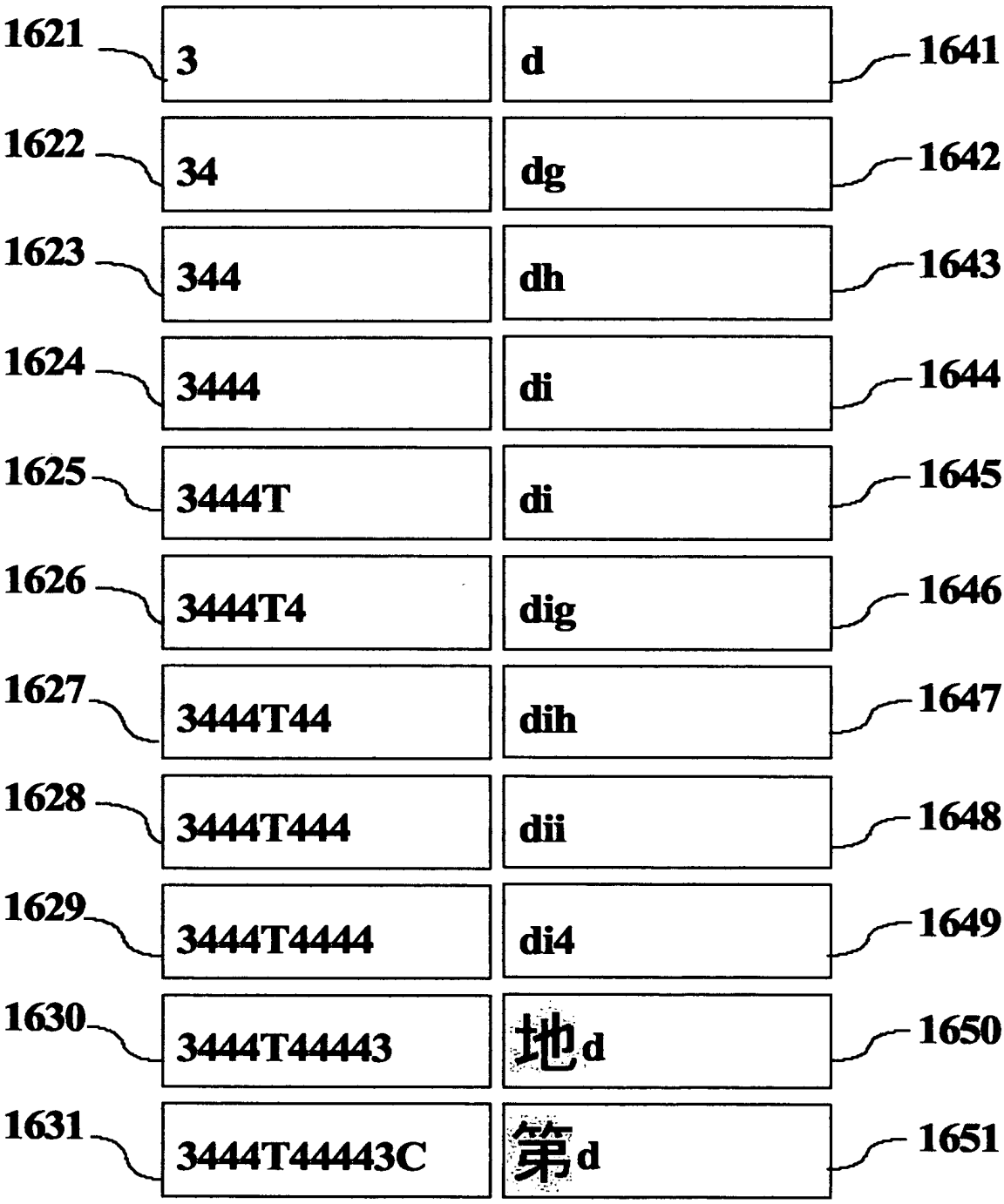

1621
3
d
1641
1622
34
dg
1642
1623
344
dh
1643
1624
3444
di
1644
1625
3444T
di
1645
1626
3444T4
dig
1646
1627
3444T44
dih
1647
1628
3444T444
dii
1648
1629
3444T4444
di4
1649
1630
3444T44443
地d
1650
1631
3444T44443C
第d
1651

FIG. 17/26

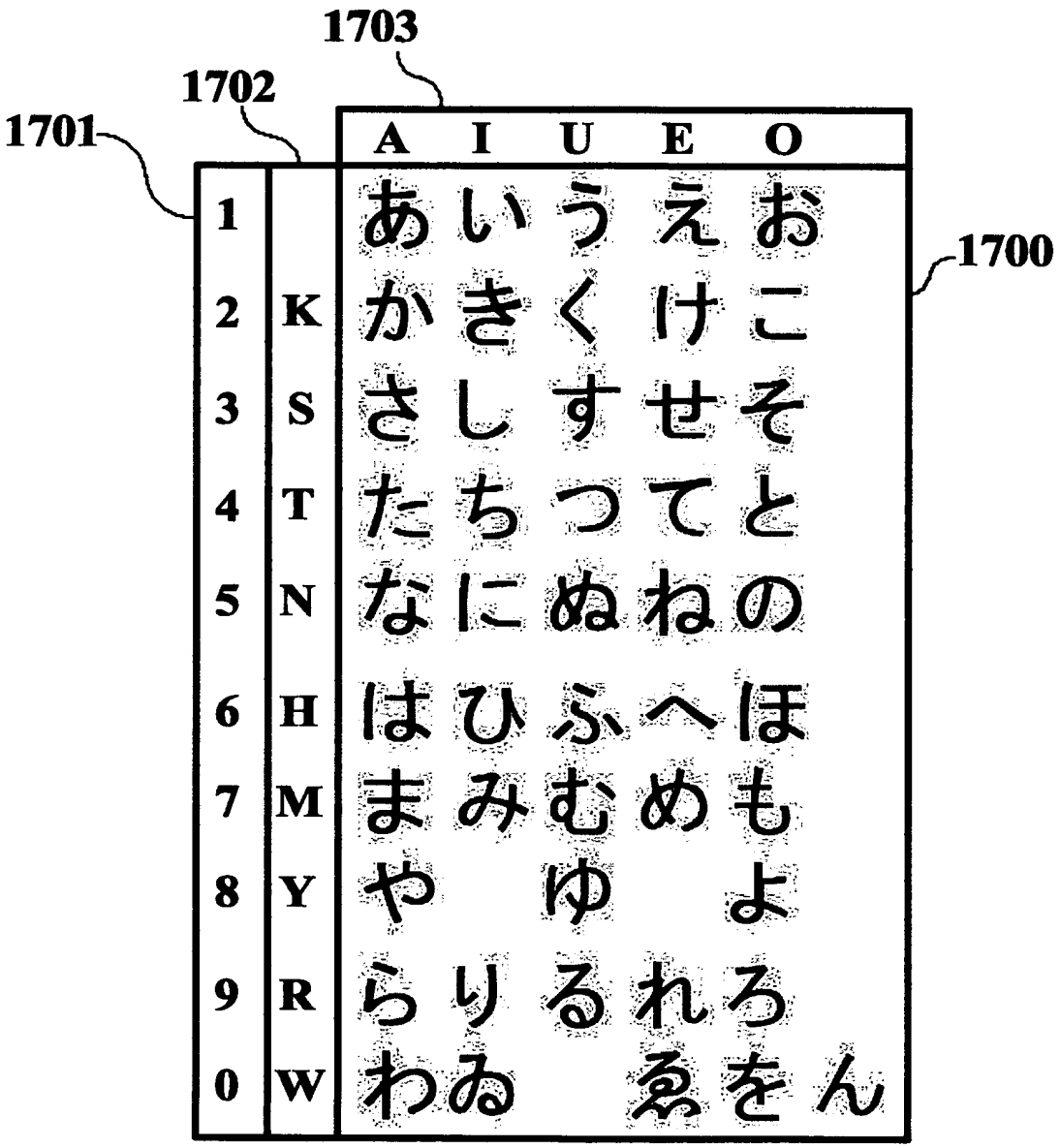

1703
1702
1701
1700
A I U E O
1 あ い う え お
2 K か き く け こ
3 S さ し す せ そ
4 T た ち つ て と
5 N な に ぬ ね の
6 H は ひ ふ へ ほ
7 M ま み む め も
8 Y や ゆ よ
9 R ら り る れ ろ
0 W わ ゐ ゑ を ん

FIG. 18/26

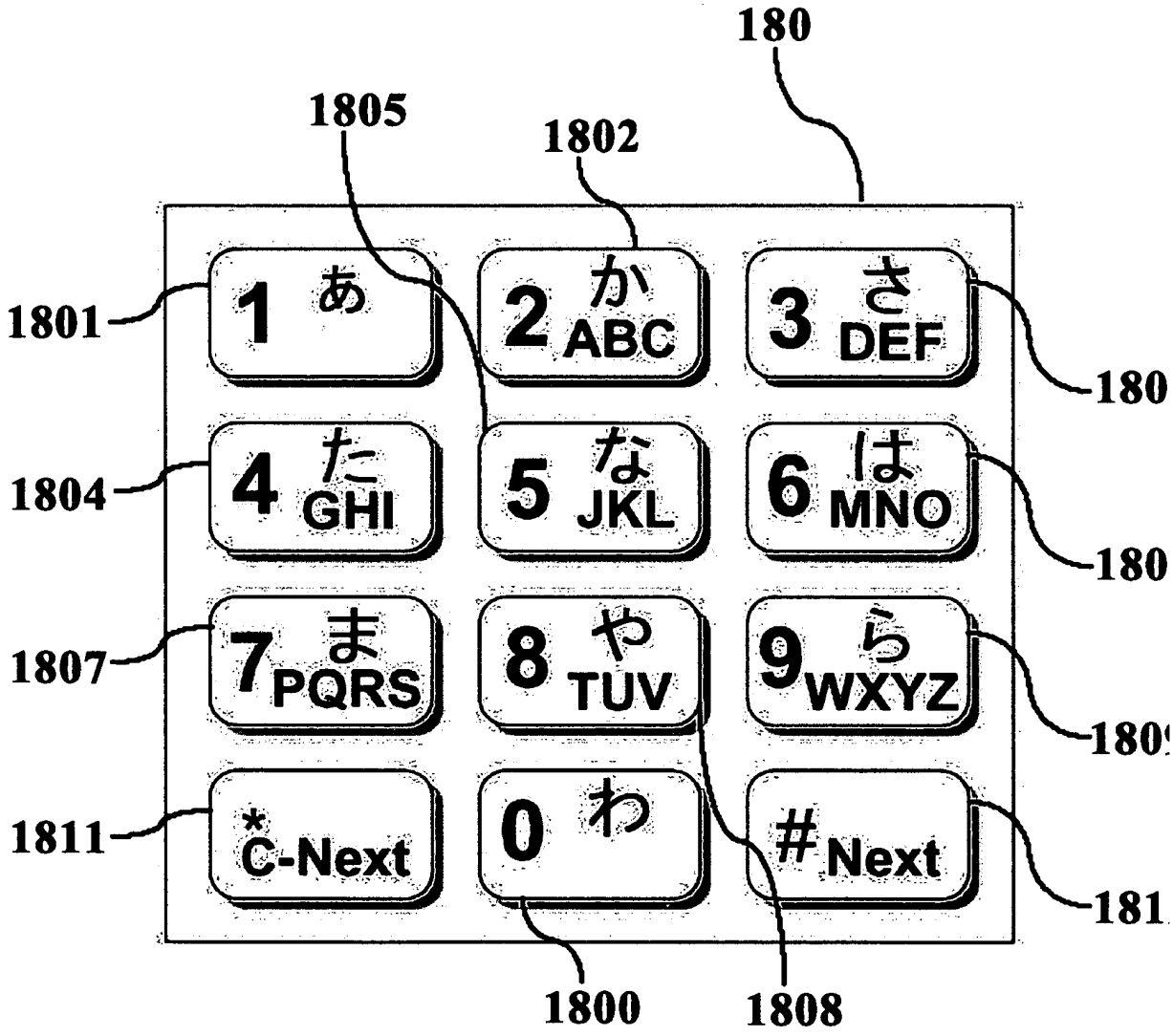

180
1805
1802
1801
1 あ
2 か ABC
3 さ DEF
180
1804
4 た GHI
5 な JKL
6 は MNO
180
1807
7 ま PQRS
8 や TUV
9 ら WXYZ
180
1811
*C-Next
0 わ
#Next
181
1800
1808

FIG. 19/26

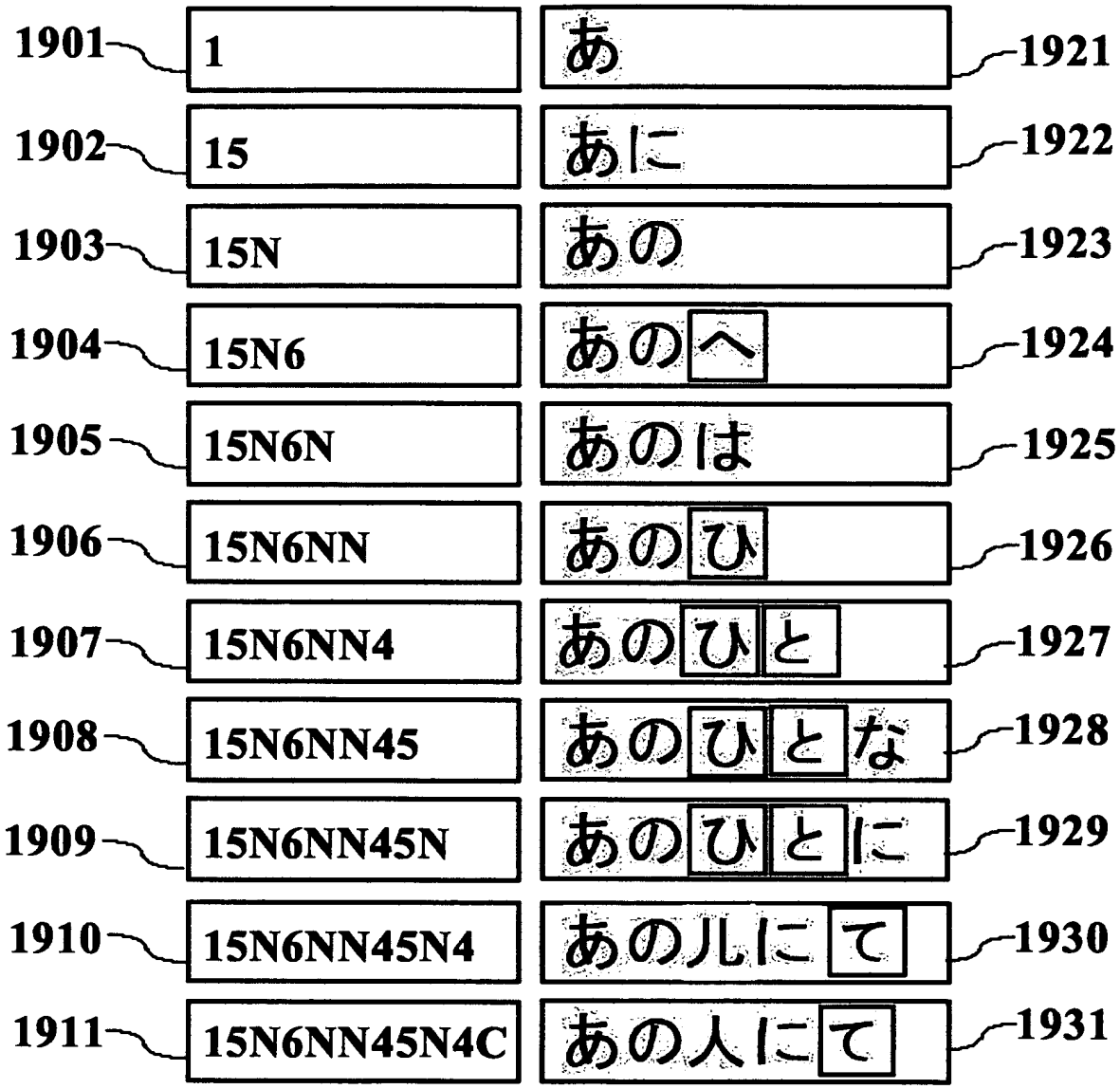

1901
1
あ
1921
1902
15
あに
1922
1903
15N
あの
1923
1904
15N6
あのへ
1924
1905
15N6N
あのは
1925
1906
15N6NN
あのひ
1926
1907
15N6NN4
あのひと
1927
1908
15N6NN45
あのひとな
1928
1909
15N6NN45N
あのひとに
1929
1910
15N6NN45N4
あのルにて
1930
1911
15N6NN45N4C
あの人にて
1931

FIG. 20/26

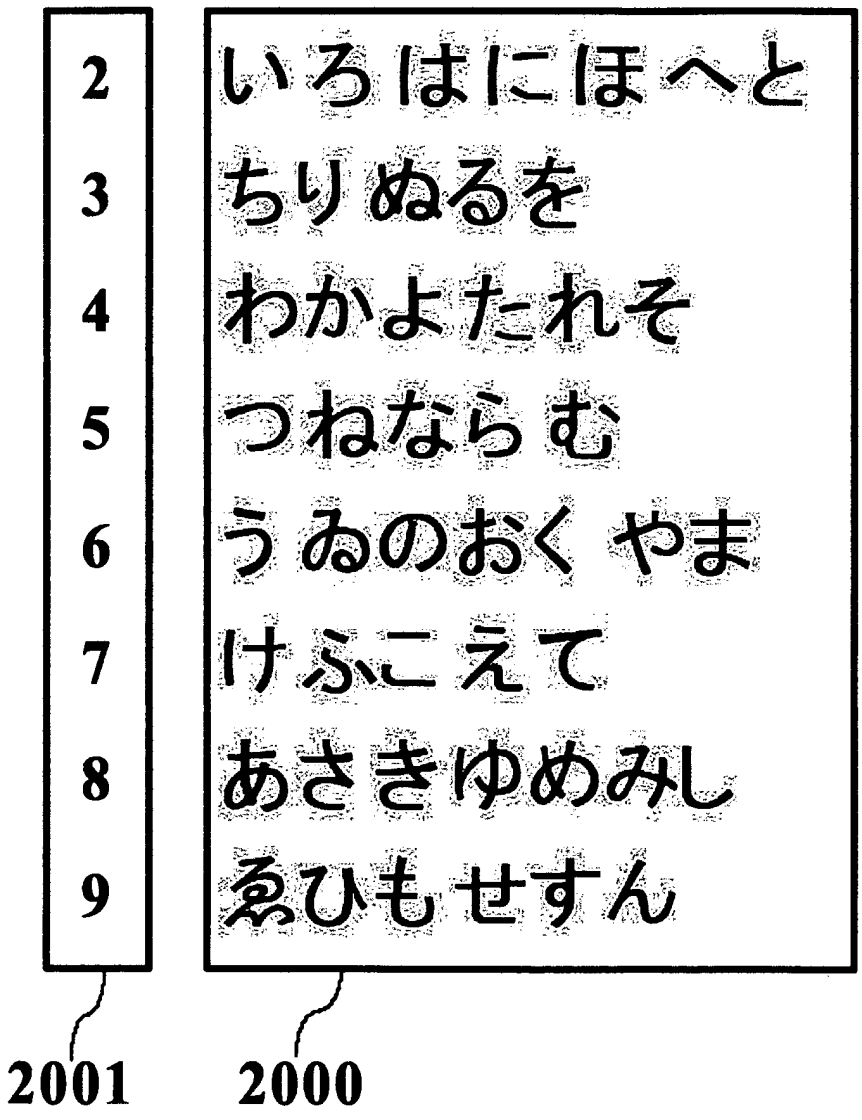

2
3
4
5
6
7
8
9
いろはにほへと
ちりぬるを
わかよたれそ
つねならむ
うゐのおくやま
けふこえて
あさきゆめみし
ゑひもせすん
2001
2000

FIG. 21/26

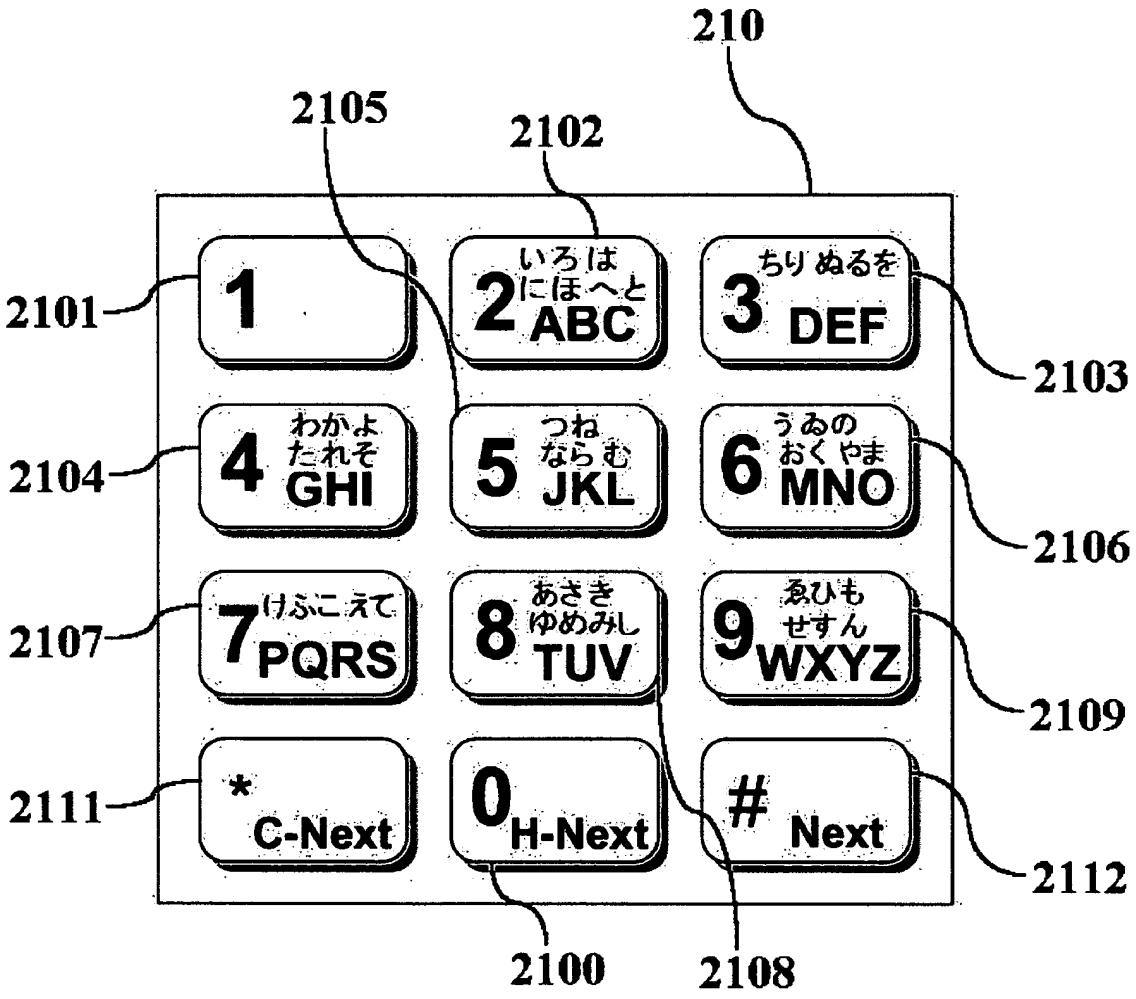

210
2105
2102
2101
1
2 いろは にほへと ABC
3 ちりぬるを DEF
2103
4 わかよ たれそ GHI
5 つね ならむ JKL
6 うゐの おくやま MNO
2104
2106
2107
7 けふこえて PQRS
8 あさき ゆめみし TUV
9 ゑひも せすん WXYZ
2109
2111
* C-Next
0 H-Next
Next
2112
2100
2108

FIG. 22/26

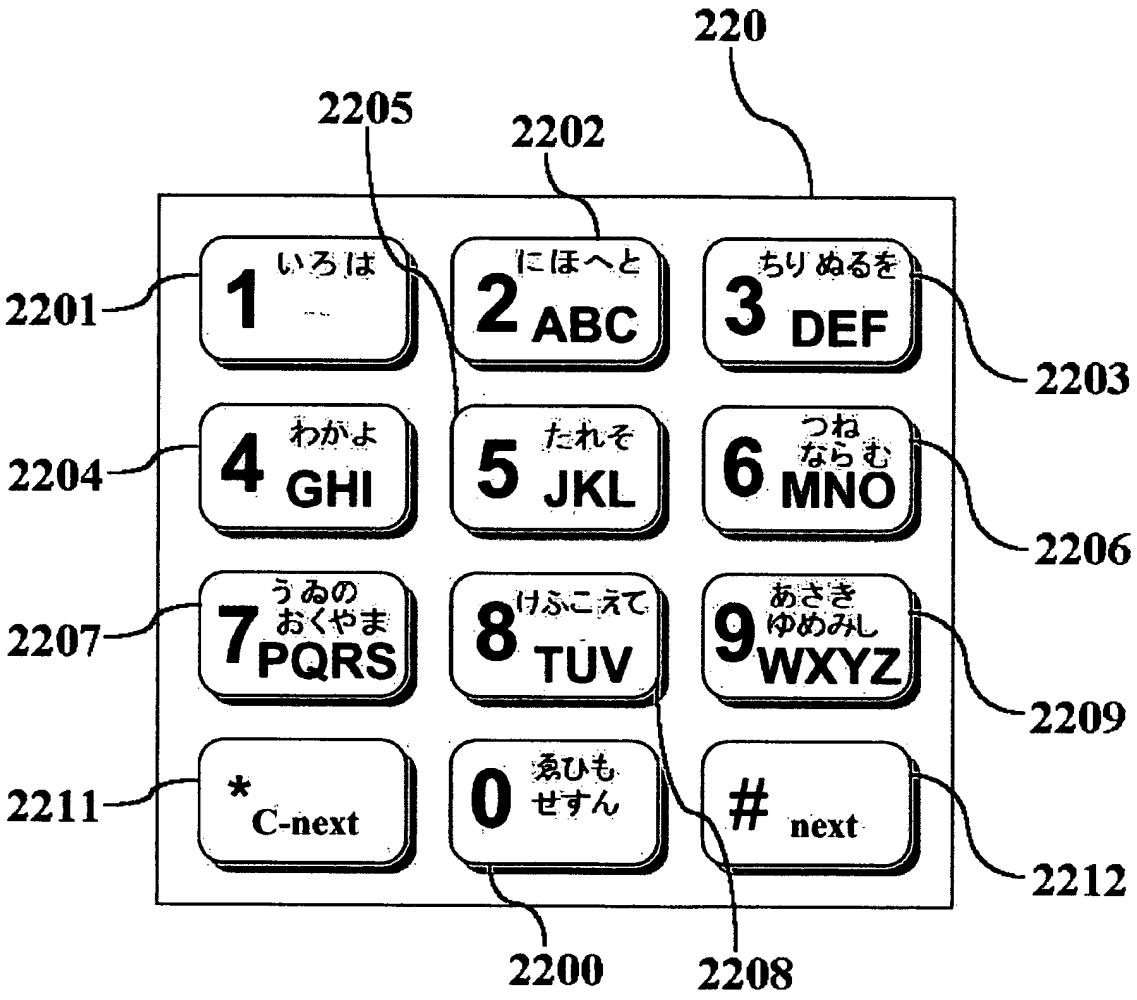

220
2205
2202
2201
1 いろは
2 にほへと ABC
3 ちりぬるを DEF
2203
2204
4 わかよ GHI
5 たれそ JKL
6 つね ならむ MNO
2206
2207
7 うゐの おくやま PQRS
8 けふこえて TUV
9 あさき ゆめみし WXYZ
2209
2211
* C-next
0 ゑひも せすん
next
2212
2200
2208

FIG. 23/26

2301
8
あ
2321
2302
86
あの
2322
2303
869
あのす
2323
2304
869N
あのも
2324
2305
869NN
あのひ
2325
2306
869NN2
あのひと
2326
2307
869NN22
あのひとい
2327
2308
869NN22H
あのひとに
2328
2309
869NN22H7
あのルにて
2329
2310
869NN22H7C
あの人にて
2330

FIG. 24/26

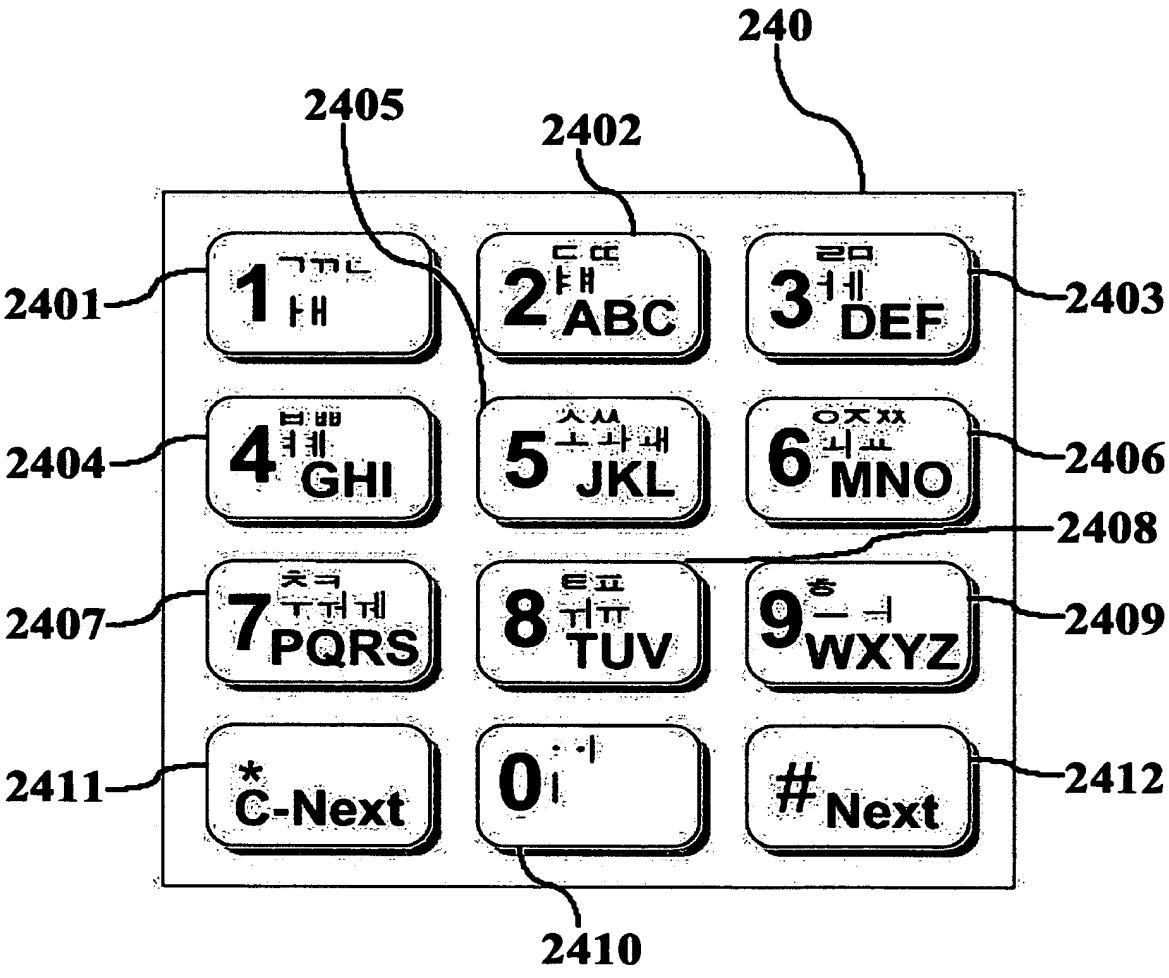

240
2405
2402
2401
2403
2404
2406
2408
2407
2409
2411
2412
2410
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
0
*C-Next
#Next

FIG. 25/26

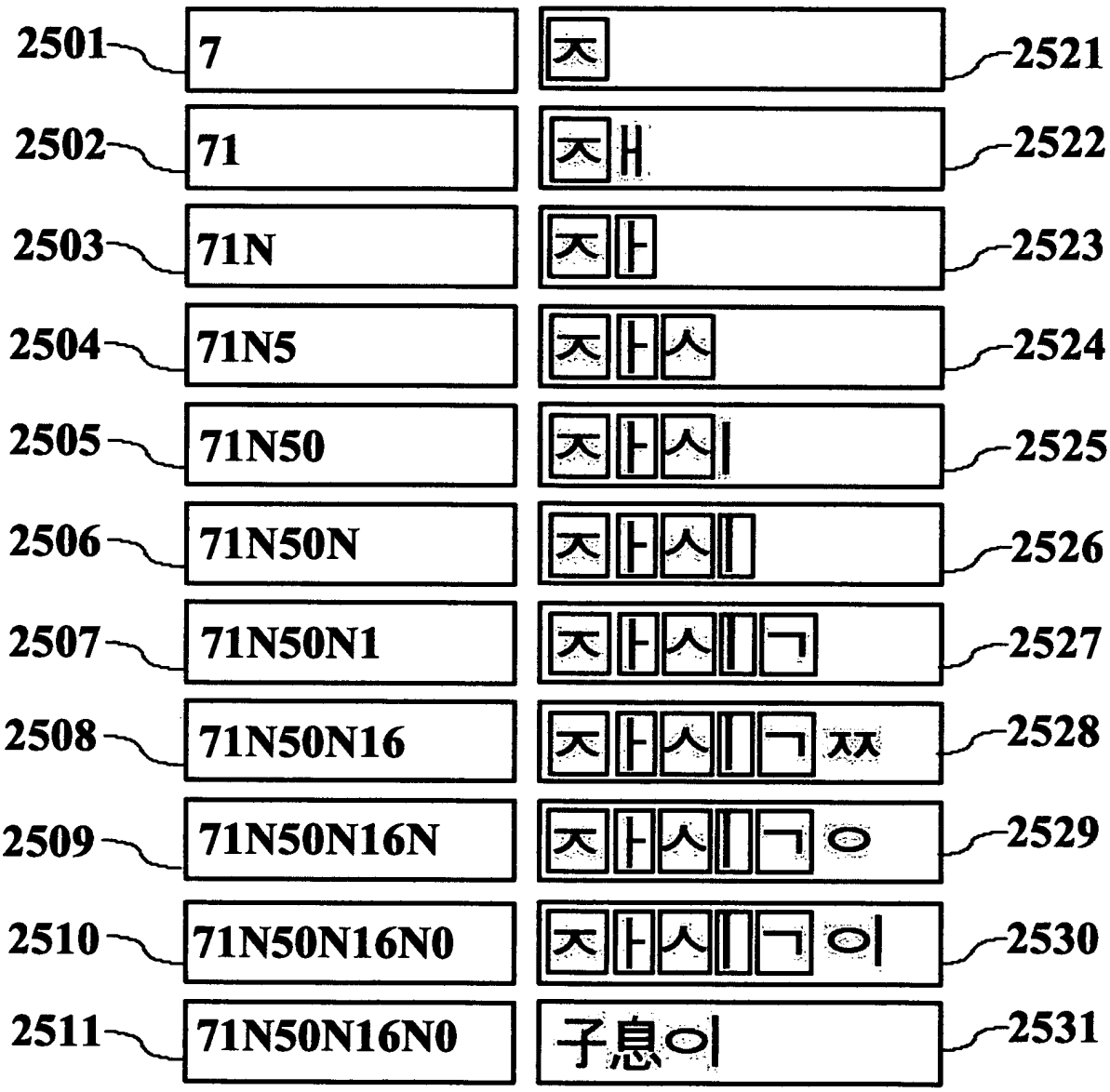
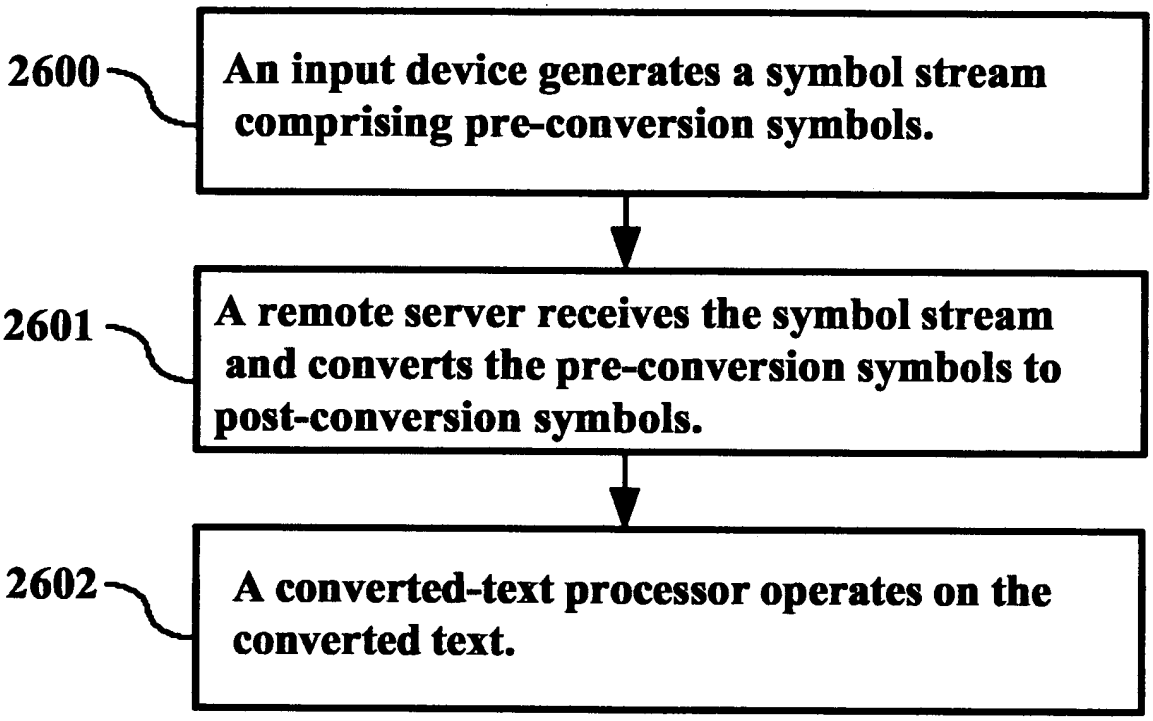

2501
7
ㅈ
2521
2502
71
ㅈㅐ
2522
2503
71N
ㅈㅏ
2523
2504
71N5
ㅈㅏㅅ
2524
2505
71N50
ㅈㅏㅅㅣ
2525
2506
71N50N
ㅈㅏㅅㅣㄱ
2526
2507
71N50N1
ㅈㅏㅅㅣㄱㄱ
2527
2508
71N50N16
ㅈㅏㅅㅣㄱㅉ
2528
2509
71N50N16N
ㅈㅏㅅㅣㄱㅇ
2529
2510
71N50N16N0
ㅈㅏㅅㅣㄱㅇㅣ
2530
2511
71N50N16N0
子息ㅇㅣ
2531

FIG. 26/26


2600
An input device generates a symbol stream comprising pre-conversion symbols.
2601
A remote server receives the symbol stream and converts the pre-conversion symbols to post-conversion symbols.
2602
A converted-text processor operates on the converted text.